

2019-2020 GENERAL CATALOG ADDENDUM

Description: Advanced Machining Calculations (MSP 142) is an approved substitution for Applied Geometry for CNC Machine (CNC 142).

Reference Pages 186-187

CNC Operator

Short-Term Certificate (STC)

While pursuing the Machine Shop AOT degree and upon successful completion of the courses identified below, the stackable CNC Operator Short-Term Certificate will be awarded to students.

CNC 111	Introduction to Computer Numerical Control (MSP 111).....	2
CNC 112	Computer Numeric Control Turning (MSP 112).....	3
CNC 113	Computer Numeric Control Milling	3
MSP 121	Basic Blueprint Reading for Machinists	2
CNC 142	Applied Geometry for CNC Machine (MSP 142)	3
CNC 223	Computer Numerical Control Graphics Programming: Milling.....	3
Total Credit Hours.....		16

CNC Specialist

Short-Term Certificate (STC)

While pursuing the Machine Shop AOT degree and upon successful completion of the courses identified below, the stackable CNC Specialist Short-Term Certificate will be awarded to students.

CNC 111	Introduction to Computer Numerical Control (MSP 111).....	2
CNC 112	Computer Numeric Control Turning (MSP 112).....	3
CNC 113	Computer Numeric Control Milling	3
MSP 121	Basic Blueprint Reading for Machinists	2
CNC 142	Applied Geometry for CNC Machine (MSP 142).....	3
CNC 213	Advanced Computer Numerical Control Milling	3
CNC 215	Quality Control and Assurance.....	3
CNC 223	Computer Numerical Control Graphics Programming: Milling.....	3
CNC 230	Computer Numerical Control Special Projects.....	3
Total Credit Hours.....		24

Description: The Course Description for Applied Geometry for CNC Machine (CNC 142) was erroneously omitted from the Course Description section of the 2019-2020 General Catalog.

Reference Pages 221 - 296

DPT	CRS.	COURSE TITLE	THEORY	LAB	COURSE
CNC	142	APPLIED GEOMETRY FOR CNC MACHINE	3	0	3
Course Description		Updated			
<p>PREREQUISITE & COREQUISITE: As determined by college</p> <p>NOTE: There is an approved standardized plan-of-instruction for this course.</p> <p>This course introduces applied geometry as it relates to CNC. Emphasis is placed on geometry applied to problem solving used to make calculations for machining parts for CNC from engineering drawings. Upon completion students should be able to solve problems required for planning, making, and checking of machined parts.</p>					